

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arntson et al. Attorney Docket No. BING-1-1005
Serial No.: not yet assigned Group Art Unit: not yet assigned
Filing Date: June 25, 2003 Examiner: not yet assigned
Title: APPARATUS AND METHODS FOR MANUFACTURING OPERATIONS
USING NON-CONTACT POSITION SENSING

**COMBINED DECLARATION AND POWER OF ATTORNEY
IN PATENT APPLICATION**

As the inventors of the invention disclosed in the patent application entitled APPARATUS AND METHODS FOR MANUFACTURING OPERATIONS USING NON-CONTACT POSITION SENSING, we each hereby declare as follows:

Our residences, post office addresses and citizenship are:

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James N. Buttrick, Jr.
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I believe that we are the original, first and sole inventors of the subject matter that is claimed and for which a patent is sought on the invention entitled APPARATUS AND METHODS FOR MANUFACTURING OPERATIONS USING NON-CONTACT POSITION SENSING, the specification of which is attached to this declaration.

I have reviewed and understand the contents of the above-identified patent application, including the claims.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

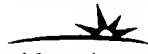


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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, for the application listed below. I have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: NONE

I hereby claim the benefit under 35 U.S.C. 119(e) of the following United States provisional applications: NONE

I hereby claim the benefit under 35 U.S.C. 120 of any United States application, or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information that is material to patentability as defined 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: NONE

I hereby appoint the following attorneys and agents to prosecute this application and to transact all related business in the Patent and Trademark Office: William C. Anderson, PTO Reg. No. 28,147; Harry B. Field, PTO Reg. No. 27,880; Terje Gudmestad, PTO Reg. No. 32,232; John C. Hammar, PTO Reg. No. 29,928; Henry G. Kohlmann, PTO Reg. No. 26,672; Bryan C. Ogden, PTO Reg. No. 25,362; Charles T. Silberberg, PTO Reg. No. 26,584; David J. Clement, PTO Reg. No. 44,082; Ann K. Galbraith, PTO Reg. No. 33,530; Robert L. Gullette, PTO Reg. No. 26,899; Thomas W. Hennen, PTO Reg. No. 27,798; Lawrence W. Nelson, PTO Reg. No. 34,684; John R. Rafter, PTO Reg. No. 28,533; Richard T. Black, PTO Reg. No. 40,514; David A. Lowe, PTO Reg. No. 39,281; Lawrence D. Graham, PTO Reg. No. 40,001; Mark L. Lorbiecki, PTO Reg. No. 45,643; Michael S. Smith, PTO Reg. No. 39,563; Robert R. Richardson, PTO Reg. No. 40,143; Mark S. Beaufait, PTO Reg. No. 48,529; Mark D. Byrne,




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PTO Reg. No. 50,125; H. Albert Richardson, PTO Reg. No. 27,701, Frank J. Bozzo, PTO Reg. No. 36,756; Dale C. Barr, PTO Reg. No. 40,498 and all registered patent attorneys and registered patent agents of the Law Firm of Black Lowe & Graham^{PLLC}.

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I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

6/12/2003

Date

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6/12/2003

Date

Ronald W. Outous

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